

## Managing Workload within Workflow-Management-Systems

## ABSTRACT

A computerized method of managing workload within a Workflow-Management-System (WFMS), said WFMS comprising a process-model, said process-model comprising one or more activities being the nodes of an arbitrary graph, and directed edges of said graph defining a potential control-flow within said process-model. The method comprises a determination-step, wherein said process-model is analyzed if a priority-execution-indicator is assigned to said activity within said process model; and a launching step, wherein, in the affirmative case of said determination-step, the WFMS launches execution of said activity in the activity's execution-environment with an execution priority specified according to said priority execution indicator. Moreover the WFMS can set its own execution priority, for the WFMS-internal processing relating to said activity with respect to the execution environment, to the execution priority specified in said priority execution indicator. Finally, processing-related messages for communication within said WFMS and/or between different WFMS and/or with said activity via a communication-system, are set to the execution priority specified according to said priority execution indicator.